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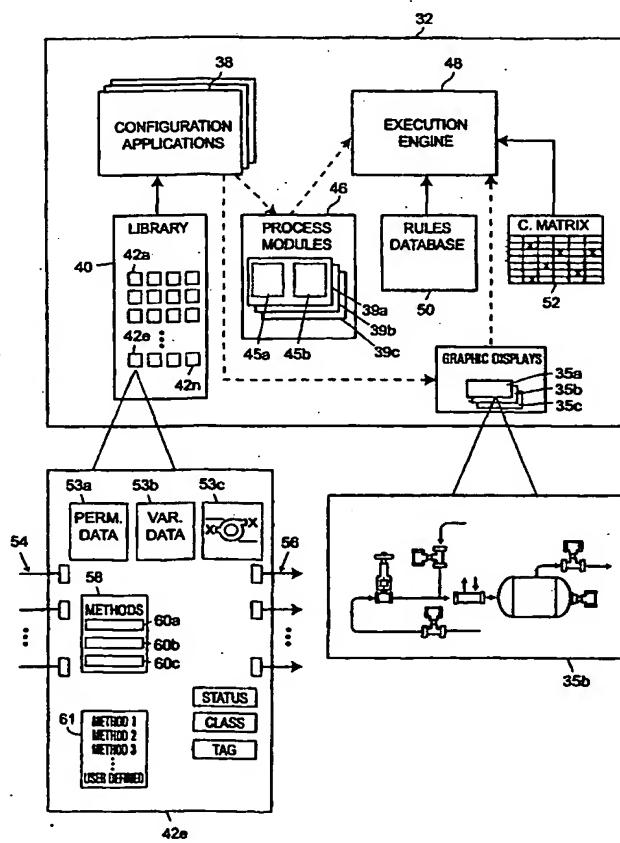
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(54) Title: **A PROCESS PLANT USER INTERFACE SYSTEM HAVING CUSTOMIZED PROCESS GRAPHIC DISPLAY LAYERS IN AN INTEGRATED ENVIRONMENT**



(57) Abstract: A method useful for providing a user interface for a process plant includes displaying graphical depictions of process plant elements of the process plant via the user interface. Information is generated for a plurality of content layers of a process graphic display of the process plant elements by processing data regarding operation of the process plant. Content to be displayed via the user interface is determined from the generated information by determining which content layer of the plurality of content layer is to be displayed. In some embodiments, the determination may be made based on a user profile characteristic. The generated information may therefore support multiple views of the process plant via the user interface for a plurality of different types of users of the user interface, and may involve processing data regarding actual and simulated operation of the process plant. As a result, the method may also include determining whether the process plant is currently on-line to further determine the portion of the information to be displayed via the user interface.

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